

ABSTRACT

The present invention relates to a method for determination of one or more analytes in a test sample or an aliquot of a test sample, as well as a reagent for use in the method. The reagent according to the present invention comprises at least one type of specific binding molecule for each analyte that is to be quantitated, as well as fluorescent substances whose signals change as a result of admixing a sample to the reagent. Furthermore, the signal change may be used to calculate the concentration or concentrations of analytes, without separating different states of aggregation.